

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the present application:

1-51. (Canceled)

52. (Currently amended) An image compression apparatus for generating compressed code data of an image, the image compression apparatus comprising:

a setting unit to set a number of parts by which the image is to be divided;

a dividing unit to divide the image until the image is divided into a plurality of image parts that satisfy the dividing number set by the setting unit; and

a compressing unit to generate compressed code data by compressing the image parts divided by the dividing unit,

wherein the dividing number set by the setting unit corresponds to a transmission line capacity and an image quality level.

53. (Currently amended) The image compression apparatus as claimed in claim 52, wherein the dividing number set by the setting ~~part~~unit further corresponds to a color component ~~a transmission line capacity and an image quality level.~~

54. (Currently amended) The image compression apparatus as claimed in claim 52, An image compression apparatus for generating compressed code data of an image, the image compression apparatus comprising:

a setting unit to set a number of parts by which the image is to be divided;

a dividing unit to divide the image until the image is divided into a plurality of image parts that satisfy the dividing number set by the setting unit; and

a compressing unit to generate compressed code data by compressing the image parts divided by the dividing unit,

wherein the dividing number set by the setting unit corresponds to a transmission line capacity and a color component.

55. (Currently amended) The image compression apparatus as claimed in claim 52, An image compression apparatus for generating compressed code data of an image, the image compression apparatus comprising:

a setting unit to set a number of parts by which the image is to be divided;

a dividing unit to divide the image until the image is divided into a plurality of image parts that satisfy the dividing number set by the setting unit; and

a compressing unit to generate compressed code data by compressing the image parts divided by the dividing unit,

wherein the dividing number set by the setting unit corresponds to a transmission line capacity and a resolution level.

56. (Currently amended) The image compression apparatus as claimed in claim 52, wherein the compressing unit uses compression complying with a JPEG 2000 standard.

57. (Currently amended) A method for generating compressed code data of an image, the method comprising:

setting a number of parts by which the image is to be divided;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and an image quality level.

58. (Currently amended) The method defined in claim 57, wherein the dividing number ~~further~~ corresponds to a resolution level~~transmission line capacity and an~~ image quality level.

59. (Currently amended) ~~The method defined in claim 57A~~ A method for generating compressed code data of an image, the method comprising:

setting a number of parts by which the image is to be divided;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and a color component.

60. (Previously Presented) ~~The method defined in claim 57A~~ A method for generating compressed code data of an image, the method comprising:

setting a number of parts by which the image is to be divided;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and a resolution level.

61. (Currently amended) The method defined in claim 59[[7]], wherein generating compressed code data comprises performing compression complying with a JPEG 2000 standard.

62. (Currently amended) An article of manufacture having one or more ~~recordable~~ computer-readable storage media storing executable instructions thereon which, when executed by a system, cause the system to perform an image compression method for generating compressed code data of an image, the ~~method image~~ comprising:

setting the number of parts for dividing the image;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and an image quality level.

63. (Currently amended) ~~The article of manufacture defined in Claim 62~~An article of manufacture having one or more ~~recordable~~ computer-readable storage media storing executable instructions thereon which, when executed by a system, cause the system to perform an image compression method for generating compressed code data of an image, the method comprising:

setting the number of parts for dividing the image;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and a color component an image quality level.

64. (Currently amended) The article of manufacture defined in c[[C]]aim 63[[2]], wherein the dividing number set further corresponds to a resolution level ~~transmission line capacity and a color component.~~

65. (Currently amended) ~~The article of manufacture defined in Claim 62~~An article of manufacture having one or more recordable-computer-readable storage media storing executable instructions thereon which, when executed by a system, cause the system to perform an image compression method for generating compressed code data of an image, the method comprising:

setting the number of parts for dividing the image;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number set corresponds to a transmission line capacity and a resolution level.

66. (Currently amended) The article of manufacture defined in claim 65, wherein generating compressed code data comprises performing compression complying with a JPEG 2000 standard.